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105R-E-3

Cantor, Fitzgerald Securities

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IF THIS DRAWING IS NOT 30" x 62" IT IS A REDUCED PRINT SCALE ACCORDINGLY

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DATE	ISSUED TO	PR	TR
4/26/92	POST AUTHORITY FOR APPROVAL	12	-
4/28/92	C.P.S.C.	2	-
6-10-92	POST AUTHORITY FOR APPROVAL	12	-
6-26-92	POST AUTHORITY FOR APPROVAL	12	-

NO	DATE	REVISION	BY
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CANTOR, FITZGERALD SECURITIES CORP.
105th FLOOR
ONE WORLD TRADE CENTER, NEW YORK, N.Y.

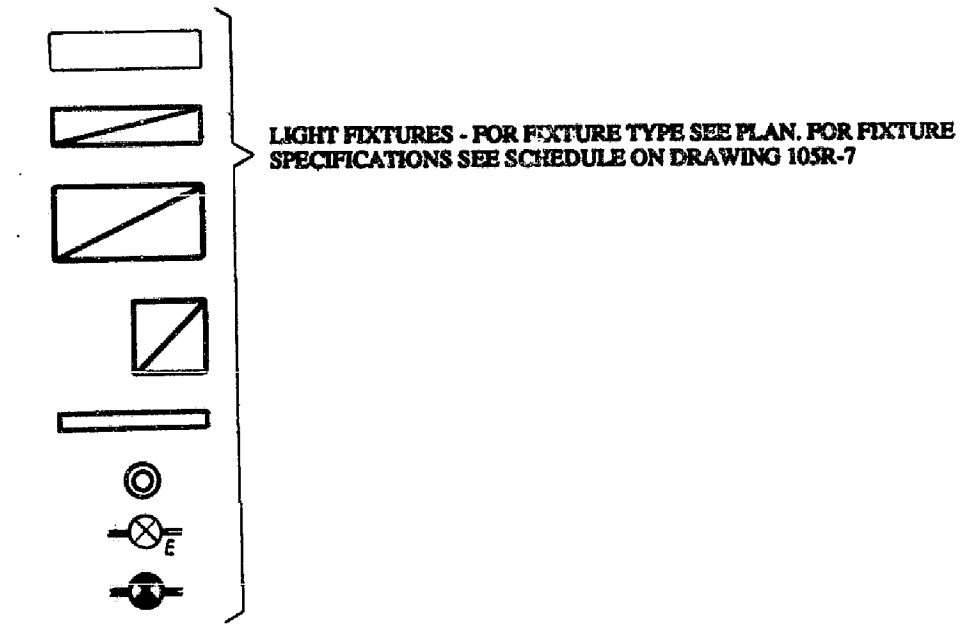
PROPOSED ALTERATION TO
G.S.B. TRADING ROOM
NOTES, LEGEND & DETAILS

PROJECT NO. 92119	SCALE NONE
DRAWN BY SLG	CHECKED BY JCW
DATE 4-27-92	

DRAWING NO.
105R-E-3

LEGEND

- FLUORESCENT DIMMER, LENGTH AS SHOWN, WITH 120V-15A, HUBBELL #5262, ON 40-5000 FLEMING, INSTALLED IN TRADING DESK WIREWAY.
- DUPLEX RECEPTACLE, 120V-15A, HUBBELL #5262, ON 40-5000 FLEMING, INSTALLED IN TRADING DESK WIREWAY.
- DUPLEX RECEPTACLE FOR CRT MONITORS, 120V-15A, HUBBELL #5262, ON 40-5000 FLEMING, INSTALLED IN TRADING DESK WIREWAY.
- EXISTING WALL MOUNTED DUPLEX RECEPTACLE TO REMAIN
- DUPLEX RECEPTACLE, 120V-15A, HUBBELL #5262, WALL MOUNTED 1'-0" AFF, UNLESS SHOWN OTHERWISE
- DUPLEX RECEPTACLE, 120V-15A, HUBBELL #5262, SURFACE MOUNTED IN TRADING DESK WIREWAY
- DUPLEX RECEPTACLE FOR CRT MONITORS, 120V-15A, HUBBELL #5262, SURFACE MOUNTED IN TRADING DESK WIREWAY.
- DUPLEX RECEPTACLE, 120V-15A, HUBBELL #5262, SURFACE MOUNTED ON LAGOR SLAB, SPLIT-WIRED TO ACCEPT (2) SEPARATE CIRCUITS.
- DOUBLE DUPLEX RECEPTACLE, (2) 120V-15A, HUBBELL #5262, SURFACE MOUNTED ON FLOOR SLAB
- DOUBLE DUPLEX RECEPTACLE, (2) 120V-15A, HUBBELL #5262 WALL MOUNTED 1'-0" AFF.
- CLOCK RECEPTACLE, LEVITON #658, MOUNTING HEIGHT AS SHOWN
- SINGLE POLE TOGGLE SWITCH WITH 120V-15A, HUBBELL #5262, ON 40-5000 FLEMING, INSTALLED IN TRADING DESK WIREWAY.
- 40-5000 FLEMING, SINGLE PHASE MOTOR FOR NOVA DOCUMENT CONVEYOR
- SIGNAL OUTLET WITH 1 1/4" CONDUIT UP TO HUNG CEILING OR DOWN TO RAISED FLOOR. SEE SCHEDULE ON DRAWING 105R-4.
- 4" DIAMETER WIRING GROMMET IN RAISED FLOOR PANEL TO BE LOCATED AND DRILLED BY CONTRACTOR. GROMMETS PROVIDED BY RAISED FLOOR CONTRACTOR. FOR EXACT LOCATIONS SEE ARCHITECTURAL DRAWINGS.
- WALL MOUNTED TELEPHONE OUTLET, RUN 3/4" CONDUIT DOWN TO RAISED FLOOR OR UP TO HUNG CEILING.
- CLOCK RECEPTACLE FOR TRANS LUX BOARD - MOUNTING HEIGHT TO BE COORDINATED. 120V-15A, LEVITON #658 MOUNTED HORIZONTALLY.
- EXISTING JUNCTION BOX TO REMAIN
- JUNCTION/OUTLET BOX
- EXISTING CONDUIT AND WIRING TO REMAIN
- RIGID CONDUIT RUN CONCEALED IN CEILING OR WALL (U.L. STANDARD No. 6).
- MINIMUM SIZE SHALL BE 3/4". CROSS HATCH DENOTES NUMBER OF #12 WIRES.
- NO CROSS HATCH DENOTES 2#12.
- HOMERUN TO PANEL INDICATED
- RIGID CONDUIT RUN UNDER RAISED FLOOR
- FLEXIBLE CONDUIT AND CABLE CONNECTION (U.L. STANDARD No. 514)
- SINGLE POLE TOGGLE SWITCH WALL MOUNTED 30" AFF., 120V-15A, HUBBELL No. 1101; 277V-20A, HUBBELL No. 1121
- FLUORESCENT DIMMER FOR USE WITH 1 TO 12 LAMPS (T12-40 WATT RAPID START) WALL MOUNTED 30" AFF. LUTRON NOVA SERIES CAT NO. NF-10-277



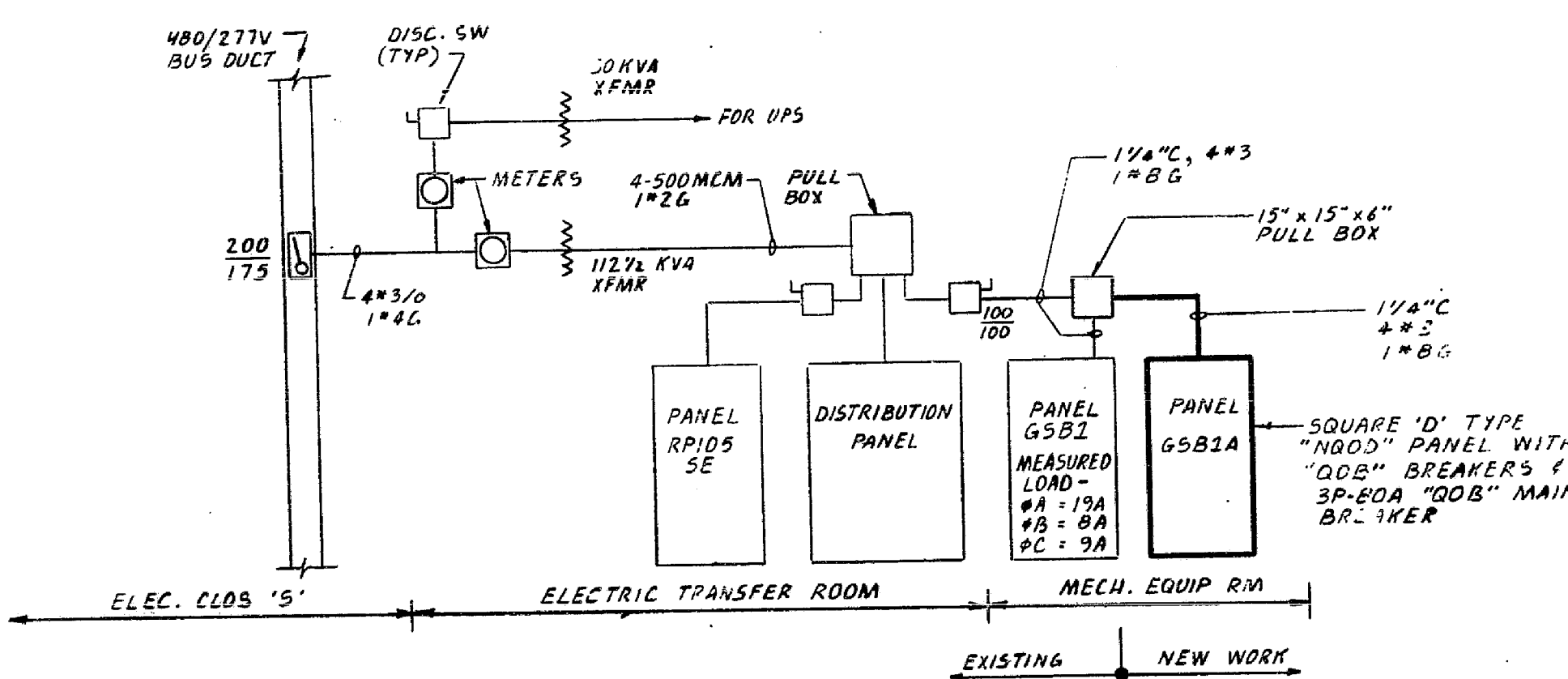
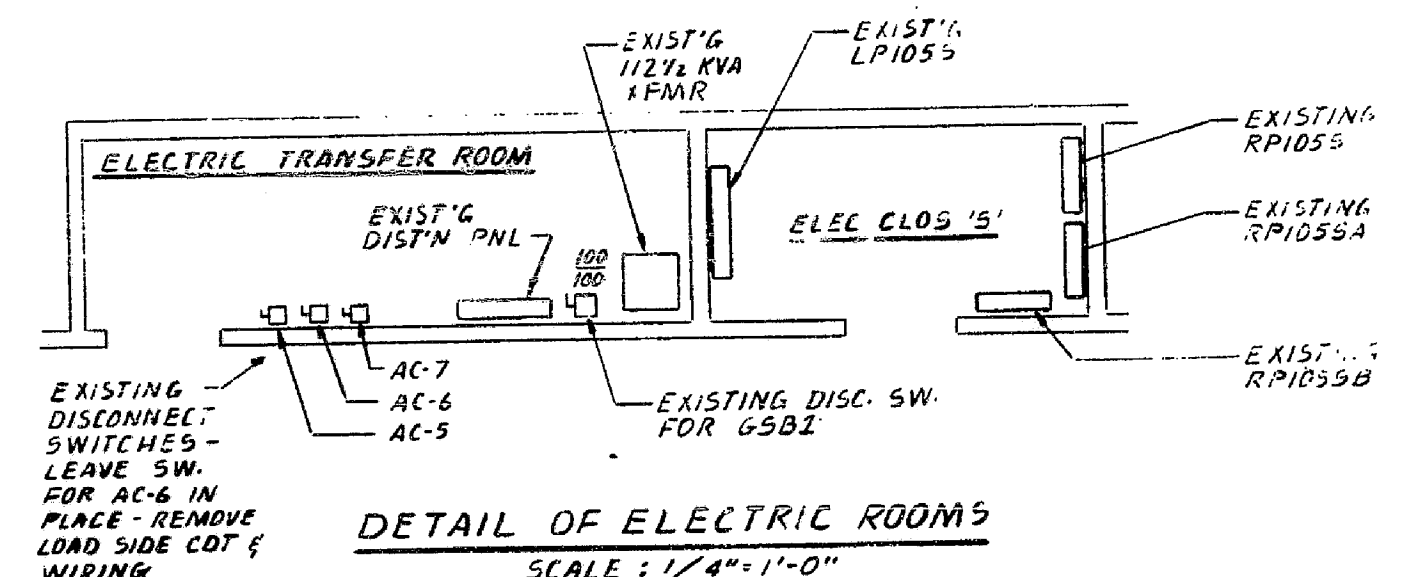
ELECTRICAL NOTES

- FOR ELECTRICAL SPECIFICATIONS SEE DWG E-1
- ALL ELECTRICAL CONDUITS TO HAVE A MINIMUM OF 2 #12 WIRES (U.L. STANDARD #44) UNLESS OTHERWISE NOTED.
- ALL COMMUNICATION CONDUITS SHALL BE 1-1/4" MINIMUM SIZE UNLESS OTHERWISE NOTED. ALL COMMUNICATION WIRING SHALL BE TYPON INSULATED.
- CONTRACTOR SHALL REMOVE UNUSED CIRCUIT WIRES COMPLETELY BACK TO PANEL.
- DEVICE PLATES SHALL BE BRUSH SATIN ANODIZED ALUMINUM. DEVICE PLATES FOR TELEPHONE OUTLETS SHALL HAVE A BUSHED HOLE.
- ALL FLOOR OUTLETS AND UNDERCELL BOX ASSEMBLIES BEING REMOVED AND NOT RE-USED ARE TO BE RETURNED TO THE ENGINEER.
- ALL PANEL DIRECTORIES SHALL BE UPDATED TO REFLECT CHANGES DUE TO THIS CONTRACT.
- ALL TELEPHONE AND COMMUNICATION WIRING NOT TO BE RE-USED SHALL BE REMOVED.
- THE CONTRACTOR SHALL DISCONNECT AND REMOVE ALL ELECTRICAL ITEMS WHICH ARE TO BE REMOVED DUE TO DEMOLITION AS SHOWN ON ARCHITECTURAL DRAWINGS.
- ALL LIGHTING FIXTURES SHOWN TO BE REMOVED SHALL HAVE ALL ASSOCIATED CONDUIT, WIRING AND JUNCTION BOXES REMOVED UNLESS SAID ITEMS ARE TO BE RE-USED.
- GROUND EVERY SECOND FEDESTAL IN EVERY OTHER ROW WITH A CONTINUOUS #6 COPPER GROUND WIRE FROM BASE BUILDING STEEL AND ATTACHED TO FEDESTALS WITH A T & B KOPFHELD COMPOUND UNDER CLAMPS.
- FOR SMOKE DETECTION SPECIFICATIONS SEE DWG 105R-E2.

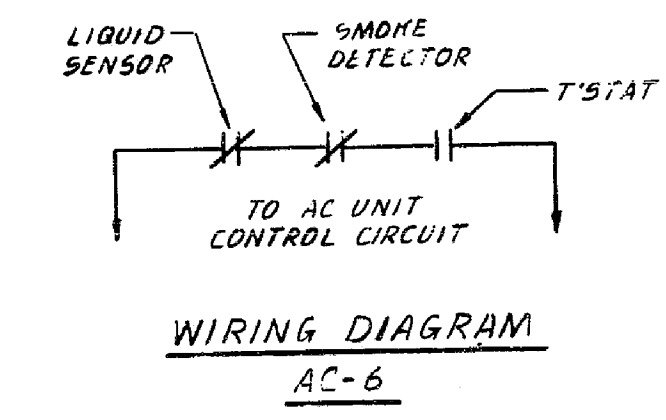
GSB1 120/208 V, 3 PHASE, 4WIRE (EXISTING)			
WATTS	SERVICE TO	TRIP	OKT
USED	15 1	100	33
USED	15 3	100	33
USED	15 5	100	33
USED	15 7	100	33
USED	15 9	100	33
USED	15 11	100	33
USED	15 13	100	33
USED	15 15	100	33
USED	15 17	100	33
USED	15 19	100	33
USED	15 21	100	33
USED	15 23	100	33
USED	15 25	100	33
1440	ROOM 10	15 27	100
500	ROOM 7/8 PRINTERS	15 29	100
500	ROOM 7/8 PRINTERS	15 31	100
300	CONDENSATE PUMP	15 33	100
		15 35	100
		15 37	100
		20 39	100
		15 41	100

GSB1A 120/208 V, 3 PHASE, 4WIRE			
WATTS	SERVICE TO	TRIP	OKT
300	MONITORS	15 43	100
300	MONITORS	15 45	100
300	MONITORS	15 47	100
300	MONITORS	15 49	100
300	RECPTS	15 51	100
	SPARE	15 53	100
	SPARE	15 55	100
	SPARE	15 57	100
	SPARE	15 59	100
	SPARE	15 61	100
	SPARE	15 63	100
	SPARE	15 65	100

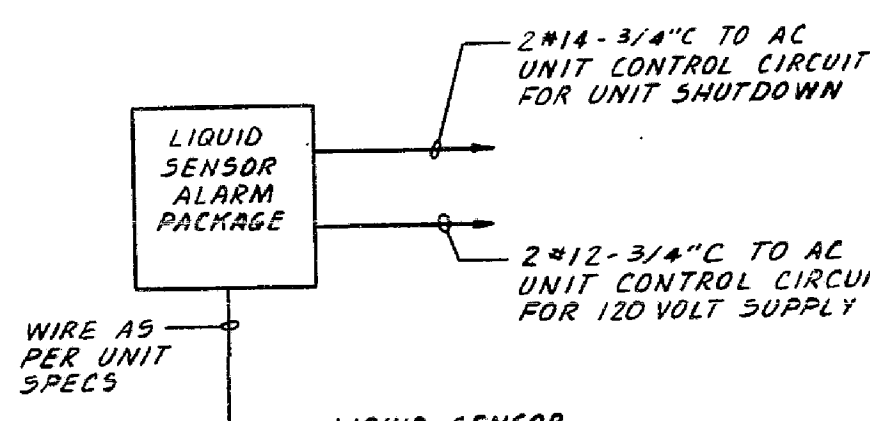
NOTE: REPLACE (B) 1P-20A CIRCUIT BREAKERS WITH (B) 1P-15A CIRCUIT BREAKERS.
BULKHEAD: Nos. 10, 20, 22, 24, 26, 28, 30 & 32.



ONE LINE DIAGRAM



WIRING DIAGRAM AC-6



WIRING DIAGRAM LIQUID SENSOR